# Manveer Basra

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| **education** | *University of Toronto* | *expected April 2021* |

*University of Toronto*  —  *expected April 2021*
Bachelor of Science (Computer Science)
GPA 3.6/4.0

*Relevant Coursework*

- Software Design and Development
- Data Structures and Algorithms

**skills**

*Languages:* Python, Java, C, HTML, CSS, git

*Frameworks/API's:* Selenium, CodeCov, Travis/Circle-CI

**projects**

*Game Center* - A collaborative effort between 5 students to make an app of multiple mini games, developed with a strong emphasis on systems design and OOP Principles.

*Role: Project Manager*

- Improved workflow and reduced conflicts via thorough planning
- Implemented design patterns that increased code coverage by 14%
- Optimized saving/loading to make use of efficient data structures

*On-Time* - An alarm manager app with functionality to move alarms depending on traffic and weather data

- Uses Room Persistence Library for more robust database access
- Implements MVC to multi-thread UI population

**experience**

*Member and Global Finalist*  —  *Google Code-In 2016*
CCExtractor Development

- Designed and implemented modular based Activity Extractor
- Fixed bugs on Sample Platform and updated dependencies
- Conducted research on keyword-extraction algorithms for subtitle data

*Assistant Warehouse Manager*  —  *Summer 2018*
ND Graphics

- Moderately reduced warehouse mistakes
- Managed and coordinated warehouse reorganization

**leadership**

Peer Mentor for CSC236: Intro to the Theory of Computation

**achievements**

Top 4% in Google Code-In 2016, ranked 3rd with CCExtractor Development, participated in the competition for 3 consecutive years

Ranked Gold in Regional, and Bronze in Provincial BC Skills Canada Graphics Design Competition